What is claimed is:

1. A hydrostatic cylinder block comprising:

a cylinder block body having a center bore, a uniformly

5   spaced radially located cylindrical bores and a lip at a

        first end;

a base plate having a center opening, uniformly spaced

        radially located arcuate kidney-shaped openings, and a

        flange that matingly connects to the lip at the first

10   end of the cylinder block;

a wave spring disposed through the center opening of the

        cylinder block; and

a hub partially disposed through the center opening of the

        cylinder block.

15

2. The hydrostatic cylinder block of claim 1 wherein at a

starting position the hub is free from contact with the wave

spring.

20   3. A method of making a cylinder block for a rotatable

        hydrostatic power member, comprising steps of:

forming a base plate having a center opening with arcuate

        kidney-shaped uniformly spaced radially located bores

        and a flange;

25   forming a cylinder block having a center cylindrical bore,

        uniformly spaced radially located cylindrical bores

        having a smaller diameter than the center cylindrical

        bore, and a lip that mates with the flange of the base

        plate;

30   securing the base plate to the cylinder block along the lip

        and flange;

disposing a wave spring through the center cylindrical bore;

8

forming a hub and disposing the hub through the center
cylindrical bore so that the hub is partially within the
cylinder block.

5   4.   The method of claim 3 wherein the base plate is formed
by near net shaping technologies comprising one of
powder metal, forging, stamping, lost foam, or
extrusion.

10   5.   The method of claim 4 wherein the cylinder block is
formed by near net shaping technologies comprising one
of powder metal, forging, stamping, lost foam, or
extrusion.

15   6.   The method of claim 4 wherein the hub is formed by near
net shaping technologies comprising one of powder metal,
forging, stamping, lost foam, or extrusion.

7.   The method of claim 3 wherein the base plate is secured
20   to the cylinder block using resistance welding.